

**INFORMATION
DISCLOSURE
STATEMENT**

Atty. Docket No.: 265.0024 0101

Serial No.: 09/641,802

Applicant(s): Boldogh et al.

Confirmation No.:

Filing Date: August 17, 2000

Group: 1632 1647

JUN 15 2001

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U.S. PATENT AND TRADEMARK OFFICE**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CDP	—	4,938,949	07/03/90	Borch et al.			
CDP	—	5,595,887	01/21/97	Coolidge et al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
CDP	—	WO 98/14473	04/09/98	PCT				
CDP	—	WO 99/65329	12/23/99	PCT				
CDP	—	WO 00/75173	12/14/00	PCT				
CDP	—	WO 01/11937	02/22/01	PCT				
CDP	—	WO 01/12650	02/22/01	PCT				
CDP	—	WO 01/12651	02/22/01	PCT				

OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

CDP	—	Babbit, ed., <i>The Vanderbilt Rubber Handbook</i> , R.T. Vanderbilt Company, Inc., Norwalk, CT, pp. 344-397 (1978).
CDP	—	Bespakov et al., "Fabs specific for 8-oxoguanine: control of DNA binding," <i>J Mol Biol.</i> 1999 Nov 12;293(5):1085-95.
CDP	—	Blach-Olszewska et al., "Stimulatory effect of ovine colostrinine (a proline-rich polypeptide) on interferons and tumor necrosis factor production by murine resident peritoneal cells," <i>Arch Immunol Ther Exp (Warsz)</i> . 1997;45(1):43-7.
CDP	—	"BLAST," National Institutes of Health [online] Bethesda, M.D. Retrieved from the Internet on May 14, 2001: URL: http://www.ncbi.nlm.nih.gov/gorf/bl2.html ; 1 pg.
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CDP	—	Buescher et al., "Colostral antioxidants: separation and characterization of two activities in human colostrum," <i>J Pediatr Gastroenterol Nutr</i> . 1992 Jan; 14(1):47-56.
CDP	—	Calingasan et al., "Protein-bound acrolein: a novel marker of oxidative stress in Alzheimer's disease," <i>J Neurochem</i> . 1999 Feb;72(2):751-6.

EXAMINER*S. Muncy*

Date Considered

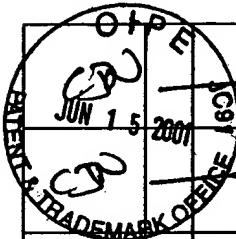
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 	Chao "Growth factor signaling: where is the specificity?" <i>Cell</i> . 1992 Mar 20;68(6):995-7.
	Esterbauer et al., "Chemistry and biochemistry of 4-hydroxynonenal, malonaldehyde and related aldehydes," <i>Free Radic Biol Med</i> . 1991;11(1):81-128.
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	Fillmore et al., "Differentiation of PC12 cells with nerve growth factor is associated with induction of transin synthesis and release," <i>J Neurosci Res</i> . 1992 Apr;31(4):662-9.
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<i>CSJ</i>	<i>O P A</i>	Englot et al., "Tumor-associated antigens are cytokine inducers and hyporeactivity factors to the immune system," <i>Biotherapy</i> . 1998;11(1):27-37.
<i>CSJ</i>	<i>JUN 15 2001</i>	Janusz et al., "Isolation and characterization of a proline-rich polypeptide from ovine colostrum," <i>FEBS Lett.</i> 1974 Dec 15;49(2):276-9.
<i>CSJ</i>	<i>DEMARKED</i>	Janusz et al., "Chemical and physical characterization of a proline-rich polypeptide from sheep colostrum," <i>Biochem J.</i> 1981 Oct 1;199(1):9-15.
<i>CSJ</i>		Janusz et al., "Proline-rich polypeptide (PRP) - an immunomodulatory peptide from ovine colostrum," <i>Arch Immunol Ther Exp (Warsz)</i> . 1993;41(5-6):275-9.
<i>CSJ</i>		Kim et al., "Simultaneous differentiation and quantitation of erythroblasts and white blood cells on a high throughput clinical haematology analyser," <i>Clin Lab Haematol.</i> 1998 Feb;20(1):21-9.
<i>CSJ</i>		Kooy et al., "Oxidation of 2',7'-dichlorofluorescin by peroxynitrite," <i>Free Radic Res.</i> 1997 Sep;27(3):245-54.
<i>CSJ</i>		LeBel et al., "Evaluation of the probe 2',7'-dichlorofluorescin as an indicator of reactive oxygen species formation and oxidative stress," <i>Chem Res Toxicol.</i> 1992 Mar-Apr;5(2):227-31.
<i>CSJ</i>		Leszek et al., "Colostrinin: a proline-rich polypeptide (PRP) complex isolated from ovine colostrum for treatment of Alzheimer's disease. A double-blind, placebo-controlled study," <i>Arch Immunol Ther Exp (Warsz)</i> . 1999;47(6):377-85.
<i>CSJ</i>		Levi et al., "The mode of action of nerve growth factor in PC12 cells," <i>Mol Neurobiol.</i> 1988 Fall;2(3):201-26.
<i>CSJ</i>		Lovell et al., "Elevated thiobarbituric acid-reactive substances and antioxidant enzyme activity in the brain in Alzheimer's disease," <i>Neurology</i> . 1995 Aug; 45(8):1594-601.
<i>CSJ</i>		Lovell et al., "Elevated 4-hydroxynonenal in ventricular fluid in Alzheimer's disease," <i>Neurobiol Aging</i> . 1997 Sep-Oct;18(5):457-61.
<i>CSJ</i>		Lovell et al., "Decreased glutathione transferase activity in brain and ventricular fluid in Alzheimer's disease," <i>Neurology</i> . 1998 Dec;51(6):1562-6.
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EXAMINER <i>G. M. [Signature]</i>	Date Considered 8/19/02
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<i>CSN 1-5-2001 REASON FOR DEMAND SEARCHED</i>	<i>TYPE</i>	Lovell et al., "Decreased base excision repair and increased helicase activity in Alzheimer's disease brain," <i>Brain Res.</i> 2000 Feb 7;855(1):116-23.
	<i>CSD</i>	Markesberry, "Oxidative stress hypothesis in Alzheimer's disease," <i>Free Radic Biol Med.</i> 1997;23(1):134-47.
<i>CSD</i>	<i>CSD</i>	Markesberry et al., "Four-hydroxyneonenal, a product of lipid peroxidation, is increased in the brain in Alzheimer's disease," <i>Neurobiol Aging.</i> 1998 Jan-Feb;19(1):33-6.
<i>CSD</i>	<i>CSD</i>	Markesberry et al. "Oxidative alterations in Alzheimer's disease," <i>Brain Pathol.</i> 1999 Jan;9(1):133-46.
<i>CSD</i>	<i>CSD</i>	Marshall et al., "Specificity of receptor tyrosine kinase signaling: transient versus sustained extracellular signal-regulated kinase activation," <i>Cell.</i> 1995 Jan 27;80(2):179-85.
<i>CSP</i>	<i>CSD</i>	McHeyzer-Williams et al., "Enumeration and characterization of memory cells in the TH compartment," <i>Immunol Rev.</i> 1996 Apr;150:5-21.
<i>CSD</i>	<i>CSD</i>	Mecocci et al., "Oxidative damage to mitochondrial DNA is increased in Alzheimer's disease," <i>Ann Neurol.</i> 1994 Nov;36(5):747-51.
<i>CSD</i>	<i>CSD</i>	Mishell et al., <i>Selected Methods in Cellular Immunology</i> , W.H. Freeman, San Francisco, CA; title page and table of contents only, 9 pages (1980).
<i>CSD</i>	<i>CSD</i>	Montine et al., "Cerebrospinal fluid F2-isoprostane levels are increased in Alzheimer's disease," <i>Ann Neurol.</i> 1998 Sep;44(3):410-3.
<i>CSD</i>	<i>CSD</i>	Ostrea et al., "Influence of breast-feeding on the restoration of the low serum concentration of vitamin E and beta-carotene in the newborn infant," <i>Am J Obstet Gynecol.</i> 1986 May;154(5):1014-7.
<i>CSD</i>	<i>CSD</i>	Peunova et al., "Nitric oxide triggers a switch to growth arrest during differentiation of neuronal cells," <i>Nature.</i> 1995 May 4;375(6526):68-73.
<i>CSD</i>	<i>CSD</i>	Piasecki et al., "Coincidence between spontaneous release of interferon and tumor necrosis factor by colostral leukocytes and the production of a colostrinine by human mammary gland after normal delivery," <i>Arch Immunol Ther Exp (Warsz).</i> 1997;45(1):109-17.

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<i>O P F E</i> <i>CD 1 5/2001</i> <i>BATENT & TRADEMARK OFFICE</i>	Popik et al., "Colostrinin, a polypeptide isolated from early milk, facilitates learning and memory in rats," <i>Pharmacol Biochem Behav</i> . 1999 Sep;64(1):183-9.
<i>CD</i>	Prasad et al., "Regional membrane phospholipid alterations in Alzheimer's disease," <i>Neurochem Res</i> . 1998 Jan;23(1):81-8.
<i>CD</i>	Roberts II et al., "Formation of isoprostane-like compounds (neuroprostanes) in vivo from docosahexaenoic acid," <i>J Biol Chem</i> . 1998 May 29;273(22):13605-12.
<i>CD</i>	Rothe et al., "Flow cytometric analysis of respiratory burst activity in phagocytes with hydroethidine and 2',7'-dichlorofluorescin," <i>J Leukoc Biol</i> . 1990 May; 47(5):440-8.
<i>CD</i>	Royall et al., "Evaluation of 2',7'-dichlorofluorescin and dihydrorhodamine 123 as fluorescent probes for intracellular H2O2 in cultured endothelial cells," <i>Arch Biochem Biophys</i> . 1993 May;302(2):348-55.
<i>CD</i>	Subbarao et al., "Autopsy samples of Alzheimer's cortex show increased peroxidation <i>in vitro</i> ," <i>J Neurochem</i> . 1990 Jul;55(1):342-5.
<i>CD</i>	Shacter et al., "Differential susceptibility of plasma proteins to oxidative modification: examination by western blot immunoassay," <i>Free Radic Biol Med</i> . 1994 Nov;17(5):429-37.
<i>CD</i>	Singh et al., "Dietary intake, plasma levels of antioxidant vitamins, and oxidative stress in relation to coronary artery disease in elderly subjects," <i>Am J Cardiol</i> . 1995 Dec 15;76(17):1233-8.
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	Olvennerholm et al., "Membrane lipids, selectively diminished in Alzheimer brains, suggest synapse loss as a primary event in early-onset form (type I) and demyelination in late-onset form (type II), <i>J Neurochem.</i> 1994 Mar; 62(3):1039-47.
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